

LYNK LABS ISSUED PATENTS

Lynk Labs Products and/or Technology comprise approved and pending patents in the field of in the field of LED lighting for Circuits, Chips, Packages, Assemblies, Drive Methods, Drivers/Power Supplies, Lamps and Lighting Systems and may fall under one or more of the following Patent numbers.

<u>US Patent Number</u>	<u>Patent Title</u>
US 7489086	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 8148905	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 8531118	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 9807827	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 8742630	One Wire Self Referencing Circuits for Providing Power and Data
US 8179055	LED Circuits and Assemblies
US 8841855	LED Circuits and Assemblies
US 8177390	Electric Display Device with Integrated Lighting System
US 8648539	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of Using Same
US 9750098	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of using Same
US 6760380	Data Transmission Apparatus and Method
US 9198237	LED Lighting System
US 9615420	LED Lighting System
US10051703	LED Lighting System
US 9249953	LED Lamp with Selectable Beam Angle Optic Method and Apparatus
US 9247597	Color Temperature Controlled and Low THD LED Lighting Devices and Systems and Methods of Driving the Same
US 9516716	Color Temperature Controlled and Low THD LED Lighting Devices and Systems and Methods of Driving the Same
US 9693405	Devices and Systems Having AC LED Circuits and Methods of Driving the Same
US 10178715	High Frequency Multi-Voltage and Multi-Brightness LED Lighting Devices and Systems and Methods of Using Same.
US 10154551	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10091842	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10271393	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of Using Same
US 10334680	LED Lighting System
US 10349479	Color Temperature Controlled and Low THD LED Lighting Devices and Systems and Methods of Driving Same
US 10433382	Low Flicker AC Driven LED Lighting System, Drive Method and Apparatus
US 10492251	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10492260	LED Lighting System
US 10492252	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10499466	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10499465	Hight Frequency Multi-Voltage and Multi-Brightness LED Lighting Devices and Systems and Methods of Using Same
US 10506674	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10517149	AC Light Emitting Diode and ACLED Drive Methods and Apparatus
US 10537001	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of Using Same
US 10555385	LED Lighting System
US 10575393	AC Light Emitting Diode and AC LED Drive and Apparatus

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US 10645783

US 10652979

AC Light Emitting Diode and AC LED Drive Methods and Apparatus
LED Lighting System

Australia Patent Number

AU 2005216335

AC Light Emitting Diode and AC LED Drive Method and Apparatus

China Patent Number

ZL 200580011640.1

ZL 03804874.4

ZL 201410149586.8

AC Light Emitting Diode and AC LED Drive Method and Apparatus
One Wire Self Referencing Circuits for Providing Power and Data
Multi-Voltage and Multi-Brightness LED Lighting Devices and
Methods of using Same

Hong Kong Patent Number

HK 1105508

AC Light Emitting Diode and AC LED Drive Method and Apparatus

Europe Patent Number

EPO 1731003

Germany 1731003

France 1731003

United Kingdom 1731003

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Mexico Patent Number

MX 269561

MX 298488

MX 298034

AC Light Emitting Diode and AC LED Drive Method and Apparatus
AC Light Emitting Diode and AC LED Drive Method and Apparatus
LED Circuits and Assemblies

Canada Patent Number

CA 2557465

CA 2701780

AC Light Emitting Diode and AC LED Drive Method and Apparatus
LED Circuits and Assemblies

Malaysia Patent Number

MY 153548A

LED Circuits and Assemblies

Taiwan Patent Number

I521972

Computer Display Work Lighting System Method and Apparatus